



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

block entropy gradient | difference histogram i

- 2001

[Search](#)

Ad
Sc
Sc

Scholar All articles - **Recent articles** Results 1 - 20 of 20 for **block entropy gradient | difference hi**

All Results

Tip: Looking for pictures? Try [Google Images](#)

[F Arman](#)

[A Farag](#)

[A Hsu](#)

[M Chiu](#)

[L Hesselink](#)

Unsupervised segmentation of textured images by edge detection inmultidimensional feature - all 6 versions »

A Khotanzad, JY Chen - Pattern Analysis and Machine Intelligence, IEEE Transactions ..., 1989 - [ieeexplore.ieee.org](#)

... The Sobel operator [13], which computes the **gradient** over a ... Next, the sample mean of the **histogram** equalized **image** ... actually corre- sponds to a DxD **block** in the ...

Cited by 34 - Related Articles - Web Search

Image processing on encoded video sequences - all 4 versions »

F Arman, A Hsu, MY Chiu - Multimedia Systems, 1994 - Springer

... types are identified, and the **entropy** and dequantization ... solute value of the **difference histogram** surface is calculated ... frequency distribution in each **block** and the ...

Cited by 58 - Related Articles - Web Search

Edge linking by sequential search - all 5 versions »

AA Farag, EJ Delp - Pattern Recognition, 1995 - Elsevier

... tation, in our case, is the **gradient** of the ... H, V]. Second, and most importantly, they **detect edges** solely based upon ... edges and not on the original **image** as in ...

Cited by 46 - Related Articles - Web Search

A window-based image processing technique for quantitative andqualitative analysis of road traffic ... - all 3 versions »

M Fathy, MY Siyal - Vehicular Technology, IEEE Transactions on, 1998 - [ieeexplore.ieee.org](#)

... These operators have better performance than **gradient** and facet edge ... 2, where the sum of the **entropy** of the ... VERALL S YSTEM C ONFIGURATION The **block** diagram and ...

Cited by 34 - Related Articles - Web Search

Image enhancement and a quantitative index using fuzzy sets - all 3 versions

»
SK Pal - International Journal of Systems Science, 1987 - [informaworld.com](#)

... **block**. ... The higher the **difference** between F_1 and F_2 , the greater would be the contrast around ... quadratic index of fuzziness $y_i(X)$ (Kaufmann 1975) and the **entropy** ...

Related Articles - Web Search

Binarization of document images using Hadamard multiresolutionanalysis - all 6 versions »

F Chang, KH Liang, TM Tan, WL Hwan - Document Analysis and Recognition, 1999.

ICDAR'99. ..., 1999 - [ieeexplore.ieee.org](#)

... Such low degree of **difference** can be found between ... precisely, the scale of the text **block** to which ... for gray-level picture thresholding using the **entropy** of the ...

Cited by 8 - Related Articles - Web Search

Apparatus and method for smoothing regions and enhancing edges in gray scale images - all 2 versions »

AP Dhawan, TE Dufresne - US Patent 5,271,064, 1993 - Google Patents
... cian **gradient** of the Gaussian function to evaluate zero ... and the elements did not have sufficiently differing **entropy** level of ... 2 is a **block** diagram of the **image** ...
Cited by 20 - Related Articles - Web Search

[BOOK] Fuzzy Neural Network for Edge Detection and Hopfield Network for Edge Enhancement - all 2 versions »

Z Wang - 2000 - nlc-bnc.ca
... 9.1.1 **Gradient** operators ... 3.6 **Histogram** for the window 39 ... 51 The connection between **block** 1 at layer 1 to layer 2 ... 52 ...
Related Articles - View as HTML - Web Search - Library Search

Automated and Manual Segmentation Techniques in Image Analysis of Microbes

MHF Wilkinson - Digital **Image** Analysis of Microbes: Imaging, Morphometry, ..., 1998 - books.google.com
... nature of the phrase 'considerable **difference** in grey ... Given that high **gradient** points should most often be ... The **histogram** of this modified **image** shows sharper ...
Cited by 6 - Related Articles - Web Search

[PS] Fractal methods in Image Analysis and Coding

D Neary - 2000 - redbrick.dcu.ie
... growing and **histogram** analysis ... j ; j bd j) , f ((MN) 7! N (0 ; 255))) is the **image** to be ... of these are [5, 8, 9] energy, or angular second moment, **entropy**, cor ...
Cited by 1 - Related Articles - View as HTML - Web Search

Digital image processing in flow visualization - all 5 versions »

L Hesselink - Annual Review of Fluid Mechanics, 1988 - Annual Reviews
... linear response graphics; **image** analysis **Block** diagram of linear ... automated procedures
such as the **gradient** and Sobel ... the ART or the maximum **entropy** method tend ...
Cited by 106 - Related Articles - Web Search

[PS] Image representation with Gabor wavelets and its applications - all 6 versions »

R Navarro, A Tabernero, G Cristóbal - Advances in Imaging and Electron Physics, 1996 - articulo.lma.fi.upm.es
... that can be done in the space domain: **histogram** modification, pixel ... found that Gabor functions (among others) are **entropy** minimizing signals. ... **Block** Transforms ...
Cited by 21 - Related Articles - View as HTML - Web Search

Progress in Picture Processing: 1969--71 - all 3 versions »

A Rosenfeld - ACM Computing Surveys (CSUR), 1973 - portal.acm.org
... A gener- alization of the digital **gradient**, in conjunc ... yield the given gray-level **histogram**, and, if ... relationship between linear partial **difference** equations and ...
Cited by 7 - Related Articles - Web Search - Library Search

Space-Variant Two-Dimensional Filtering of Noisy Images* ALBERTO DE SANTIS, ALFREDO GERMANI, 2 AND

L JETTO - Aspects of **Image** Processing and Compression, 2001 - books.google.com
... is given by the sum of the **block** rows of ... M, j with the mean value of the **gradient** computed over ... were estimated by means of noise-smoothing **difference** operators ...
Related Articles - Web Search

[PDF] [Computational and numerical methods for bioelectric field problems](#) - all 5 versions »

CR Johnson - Crit. Rev. Biomed. Eng, 1997 - cs.utah.edu

... 24 IV-B The Finite **Difference** Method ... boundary value problem (often either the **gradient**

or laplacian ... singular value decomposition (GSVD), maximum **entropy**, and a ...

Cited by 34 - Related Articles - View as HTML - Web Search

[PDF] [c Copyright 2000 by Mark A. Ruzon](#) - all 2 versions »

AR Reserved - 2000 - reports.stanford.edu

... 23 3.2.2 Multidimensional **Gradient** Methods ... represent **image** neighborhoods and the boundaries between them ... to more accurate results for **detecting edges** and corners ...

Related Articles - View as HTML - Web Search

[Image coding method and apparatus](#)

Y Shinagawa, H Nagashima - EP Patent 1,134,700, 2001 - freepatentsonline.com

... frequency-related coding process such as **entropy** coding and ... to compute the mapping because a large **difference** in the ... This **block** at the m-th level is replaced ...

Cached - Web Search

[PDF] [Performance Evaluation of Image Segmentation and Texture Extraction Methods in Scene Analysis](#) - all 3 versions »

M Sharma - MPhil in Computer Science thesis, University of Exeter, 2001 - dcs.ex.ac.uk

... 93 Figure 3.9 The effect of brightness parameter on **detecting edges** in SUSAN; (a ...

106 Figure 4.9 (a) Original **image**; (b) **Histogram** thresholded **image**. ...

Cited by 13 - Related Articles - View as HTML - Web Search

[CITATION] [ANNOUNCEMENT 144 ABSTRACTS OF PAPERS ACCEPTED FOR PUBLICATION 145](#)

E Statistics - Computer Vision, Graphics, and **Image** Processing, 1990 - Academic Press

Related Articles - Web Search

[BOOK] [The Swimmer: An Integrated Computational Model of a Perceptual-Motor System](#) - all 4 versions »

WR Uttal - 1992 - books.google.com

... Stephen W. Link • The Wave Theory of **Difference** and Similarity EDITED VOLUMES ...

19 3. 1 . **Image** Acquisition 20 3.2. **Image** Preprocessing 23 3.3. ...

Cited by 5 - Related Articles - Web Search - Library Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2008 Google

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	(image and block\$1 and histogram and entropy and edge\$1).clm.	US-PGPUB; USPAT	OR	OFF	2008/02/27 15:45

Interference Search